

**COLOR FILTER SUBSTRATE AND MANUFACTURE THEREOF, AND
LIQUID CRYSTAL DISPLAY ELEMENT USING SAME COLOR FILTER
SUBSTRATE**

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Abstract

PROBLEM TO BE SOLVED: To provide the liquid crystal display element which has high display uniformity by the method which uses a projection formed on a substrate of the liquid crystal display element for gap control between substrates.

SOLUTION: A color filter substrate 1 is used which has a color filter layer 2 formed of colored layers and a light shield layer 3 of specific width and a color filter substrate and further has the projection 5 formed of resin on the light shield layer 3 to specific size so that the center 5a of the projection 5 is not aligned with the width-directional center 3a of the light shield layer 3. When the surface of the color filter substrate where an alignment layer is formed is rubbed, the surface is rubbed in the direction from the center of the projection to the center of the light shield layer.

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